

Earth Science

Chapter 6
Worksheet 1

Name _____
Block _____

Match the definitions to the correct word or term

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|-----------------------------------|---|
| ___ 1. deposition | A. rocks formed from the abundant deposits of loose sediments found on Earth's surface |
| ___ 2. evaporites | B. pieces of solid material that have been deposited on Earth's surface by wind, water, ice, gravity, or chemical precipitation |
| ___ 3. clastic sedimentary rocks | C. large crystals that form in solid rock by the reorganization of atoms during metamorphism |
| ___ 4. foliated | D. when high temperature and pressure affect large regions of Earth's crust |
| ___ 5. lithification | E. mineral growth that cements sediment grains together into solid rock |
| ___ 6. porphyroblasts | F. bedding in which the particle sizes become progressively heavier and coarser towards the bottom layers |
| ___ 7. bedding | G. depositional feature that is formed as inclined layers of sediment move forward across a horizontal surface |
| ___ 8. contact metamorphism | H. when sediments are laid down on the ground or sink to the bottoms of bodies of water |
| ___ 9. sediments | I. metamorphic rocks that lack mineral grains with long axes in one direction |
| ___ 10. rock cycle | J. sediments produced by the weathering of rock and mineral fragments |
| ___ 11. regional metamorphism | K. the physical and chemical processes that transform sediments into sedimentary rocks |
| ___ 12. gradient bedding | L. the percentage of open spaces between grains in a rock |
| ___ 13. unfoliated | M. when very hot water reacts with rock and alters its chemistry and mineralogy |
| ___ 14. cementation | N. chemical sedimentary rock that forms mainly in restricted ocean basins in areas with high evaporation rates |
| ___ 15. hydrothermal metamorphism | O. a local metamorphism caused when molten rocks come in contact with solid rock |
| ___ 16. cross-bedding | P. the continuous changing and remaking of rocks, by natural processes, into any other rock type |
| ___ 17. porosity | Q. metamorphic rocks arranged in wavy layers and bands of minerals |
| ___ 18. clastic | R. horizontal layering of sedimentary rocks |